

CLAIMS

1. A method for the automatic management of terminal-dependent information in a wireless communication network, which method comprises the

5 steps:

- the detection of the unique identity of the terminal that the subscriber is currently using;
- the remapping of the unique identity to properties, including type of terminal
- the adaptation of information about properties to services for the type of terminal detected; and
- the presentation of the adapted information on the said terminal.

10 2. A method for the automatic management of terminal-dependent

information in a wireless communication network according to claim 1,

15 **characterised by** the step of detecting the type of terminal being carried out by monitoring and probing signal links.

3. A method for the automatic management of terminal-dependent

information in a wireless communication network according to claim 1,

20 **characterised by** the step of detecting the type of terminal being carried out by monitoring and probing signal links in order to detect MSISDN-IMSI mapping.

4. A method for the automatic management of terminal-dependent

information in a wireless communication network according to either of claims 1 or

25 **2, characterised by** the method further comprising the steps:

- the request by the user of a service via SMS/USSD or conversation;
- the exchange of IMEI information between MSC and BSC/RNC or between SGSN and BSC/RNC for the subscriber;
- the capture of current IMEI information about the subscriber by probing the signal link;
- the detection by an application server of the request;
- the request by the application server for terminal properties from the configuration server;

- the discovery by the configuration server of a unique subscriber identity either by reading information that is stored locally or by a request to HLR;
- the reading by the configuration server of stored IMEI for the subscriber;
- the remapping by the configuration server of IMEI to properties;
- 5 - the return by the configuration server of the properties to the application server; and
- the transmission of a terminal-dependent configuration to the terminal via SMS or other information channel.

10 5. A method for the automatic management of terminal-dependent information in a wireless communication network according to claim 1, **characterised by** the method further comprising the steps:

- the request by the user of a service via SMS/USSD or conversation;
- the detection by an application server of the request;
- 15 - the request by the application server for properties;
- the request by the configuration server for IMEI via modified ATI or a new operation involving HLR.
- the request by HLR to the terminal for IMEI via MSC/SGSN;
- the remapping by the configuration server of IMEI to properties;
- 20 - the return by the configuration server of the properties to the application server; and
- the transmission of a terminal-dependent configuration to the terminal via SMS or other information channel.

25 6. A method for the automatic management of terminal-dependent information in a wireless communication network according to claim 5, **characterised by** the step in which HLR requests IMEI from the terminal occurring in two steps:

- the request by HLR to MSC/SGSN for IMEI for the subscriber; and
- 30 - the request by MSC/SGSN to the terminal for IMEI for the subscriber via BSC.

7. A method for the automatic management of terminal-dependent information in a wireless communication network according to claim 1, **characterised by** the method further comprising the steps:

- the request by the application server for properties from the configuration server;
- the discovery by the configuration server of the unique subscriber identity either by reading information that is stored locally or by a request to HLR;
- the reading by the configuration server of stored IMEI for the subscriber;
- the contact by the configuration server to collaborating configuration servers if the IMEI information is not present in the local database, whereby the relevant collaborating configuration servers are determined by a request to HLR;
- the remapping by the configuration server of IMEI to properties;
- the conversion by the application server of terminal-independent information to terminal-dependent information; and
- the delivery of terminal-dependent information to the terminal.

8. A method for the automatic management of terminal-dependent information in a wireless communication network according to claim 7, **characterised by** the conversion step occurring based on attributes in the properties.

9. At least one software product (102₁, ..., 102_n) that can be loaded directly into the internal memory of at least one digital computer (100₁, ..., 100_n) comprising software modules for carrying out the steps according to claim 1 when the said products, at least one such, (102₁, ..., 102_n) is run on the said computers, at least one such (100₁, ..., 100_n).
